

R E M A R K S

Claims 1-26 are pending in the application. Claims 1-26 have been rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

Claims 1, 5, 8-13, 15-18, 22, 24-26 have been amended herein to clarify applicant's claimed invention.

The specification was objected to for a typographical error. The $\Delta\theta$ calculator 55a was inconsistently referred to once with the identifier 44a. This has been corrected. No new matter is entered.

Further the drawings, Figs. 6 and 11, are objected to for minor changes in order to be consistent with the specification. Also Fig. 13 was objected to as requiring a legend of prior art. Replacement Figs. 6, 11 and 13 are included herewith correcting the noted deficiencies.

Claims 8, 10, 15-18 and 25 are objected to for minor informalities. The Examiner has provided suggestions for amending each of these claims which suggestions have been implemented. However in claims 8, 17, and 24 changes were made in accordance with the suggestion made under the §112 rejection.

Rejections under 35 U.S.C. §112, second paragraph

The portions pointed out in the Office Action have been clarified to better show the inherent content of the claim.

With regard to claims 17-21 the limitation "said detected phase difference" refers back to claim 13 where the second phase difference compensator detects a phase difference.

With regard to claims 24 and 25 the limitation "said detected phase difference" refers back to claim 22 where the third phase difference compensator detects a phase difference.

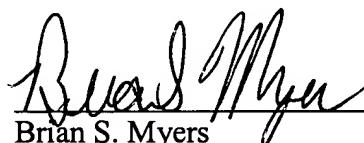
The Examiner also requests clarification regarding the phase difference-compensated feedback signal. This includes the output of the variable demodulator NCO 49 in Fig. 1.

In view of the claim clarifications it is respectfully requested the rejections be withdrawn.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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AMENDMENTS TO THE DRAWINGS

Enclosed herewith are replacement formal drawings Figs. 6, 11, and 13. These figures correct the points noted in the Office Action.